

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <h1>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/522,611
				Filing Date	December 15, 2005
				First Named Inventor	Timo Flessner
				Art Unit	1625
				Examiner Name	N. S. Chandrakumar
				Attorney Docket Number	LeA 36225 [81895(303989)]
Sheet	1	of	4		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
N.C.	BA	DE-3724059-A1	02-18-1988	Sandoz Ag		
	BB	WO-1993/015073-A1	08-05-1993	Smithkline Beecham Plc		
	BC	EP-485962-A2	05-20-1992	Syntex Inc		
	BD	EP-372335-A2	06-13-1990	Bayer Ag		
	BE	AU-3364693-A	09-01-1993	Smithkline Beecham Plc		
N.C.	BF	JP-2002030084-A	01-29-2002	Mitsubishi Pharma Corp		

Examiner Signature	/Nizal Chandrakumar/	Date Considered	12/11/2009
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). ² See Kinds of Documents of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: December 1, 2009

Electronic Signature for Gabriel J. McCool: /Gabriel J. McCool/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/522,611
				Filing Date	December 15, 2005
				First Named Inventor	Timo Flessner
				Art Unit	1625
				Examiner Name	N. S. Chandrakumar
Sheet	2	of	4	Attorney Docket Number	LeA 36225 [81895(303989)]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
N.C.	CA	J-L. Galzi et al.: "Neuronal Nicotinic Receptors: Molecular Organization and Regulations," Neuropharmacology, Vol. 34, No. 6, 1995, pp. 563-582	
	CB	D. S. McGehee et al.: "Physiological Diversity of Nicotinic Acetylcholine Receptors Expressed by Vertebrate Neurons," Annu. Rev. Physiol., Vol. 57, 1995, pp. 521-546	
	CC	A. H. Rezvani et al.: "Cognitive Effects of Nicotine," Biological Psychiatry, Vol. 49, 2001, pp. 258-267	
	CD	P. Seguela et al.: "Molecular Cloning, Functional Properties, and Distribution of Rat Brain $\alpha 7$: A Nicotinic Cation Channel Highly Permeable to Calcium," The Journal of Neuroscience, Vol. 13, No. 2, February 1993, pp. 596-604	
	CE	R. S. Broide et al.: "The $\alpha 7$ Nicotinic Acetylcholine Receptor in Neuronal Plasticity," Molecular Neurobiology, Vol. 20, 1999, pp. 1-16	
	CF	D.P.N. Satchell et al. "Acylation by Ketens and Isocyanates. A Mechanistic Comparison" Chem. Soc. Rev. 4 (1975) 231-250	
	CG	T.P. Vishnyakova et al. "Substituted Ureas. Methods of Synthesis and Applications" Russ. Chem. Rev. 54 (1985) 249-261	
	CH	J.P. Wolfe et al. "An ammonia equivalent for the palladium-catalyzed amination of aryl halides and triflates" Tetrahedron Letters Vol. 38, No. 36 (1997) 6367-6370	
	CI	J.H. Babler et al. "Non-catalyzed reductions with formate salts: conversion of nitroaromatic compounds to the corresponding primary amines" Synth. Commun. 11 (1981) 925-930	
	N.C.	CJ	A.J. Bridges et al., "Fluorine as an ortho-Directing Group in Aromatic Metalation: A Two Step Preparation of Substituted Benzo[b]thiophene-2-carboxylates" Tetrahedron Letters Vol. 33, No. 49 (1992) 7499-7502

Examiner Signature	/Nizal Chandrakumar/	Date Considered	12/11/2009
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/522,611
				Filing Date	December 15, 2005
				First Named Inventor	Timo Flessner
				Art Unit	1625
				Examiner Name	N. S. Chandrakumar
Sheet	3	of	4	Attorney Docket Number	LeA 36225 [81895(303989)]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CL	D. Bogdal et al., "Microwave-Assisted Preparation of Benzo[b]furans under Solventless Phase-Transfer Catalytic Conditions," Tetrahedron 56 (2000) 8769-8773	
	CL	D.A. Allen "Synthesis of indole-2-carboxylic acid esters" Synth. Commun. Vol. 29, No. 3 (1999) 447-455	
	CM	C.W. Holzapfel et al. "Stille and Suzuki cross coupling reactions of o-nitrophenyl triflates: A versatile route to a variety of heterocycles" Heterocycles Vol. 48, No. 8 (1998) 1513-1518	
	CN	M. Akazome et al. "Palladium complex-catalyzed reductive n-heterocyclization of nitroarenes: Novel synthesis of indole and 2H-indazole derivatives" J. Org. Chem. 59 (1994) 3375-3380	
	CO	J.A. Valderrama et al. "Studies on Quinones. Part 30. Synthesis of Benzo[b]thiophene-4,7-quinones" Synth. Commun. Vol. 27, No. 12 (1997) 2143-2157	
	CP	W.N. Lok et al. "Acetylenic Acids. II. The reaction of sulfur chlorides with phenylpropionic acid and its methyl ester" Aust. J. Chem. 31 (1978) 605-616	
	CQ	W. Ried et al. "Synthese von substituierten benzo[b]thiophenen" Liebigs Ann. Chem. (1980) 1424-1427	
	CR	C.M. Bonnin et al. "Acetylenic acids. IV. The reactions of alkoxy-substituted phenylpropionic acids and esters with sulfur halides, particularly thionyl chloride" Aust. J. Chem. 32 (1979) 833-847	
	CS	V.P. Martin et al. "11. Synthese und eigenschaften der furo-und thieno-analogen von PQQ-triester" Helv. Chim Acta 77 (1994) 100-110	
		A.J. Bridges et al. "Synthesis of [1]benzothieno[3,2-d]pyrimidines substituted with electron donating substituents on the benzene ring" J. Heterocyclic Chem. 34 (1997) 1163-1172	


Examiner Signature	/Nizal Chandrakumar/	Date Considered	12/11/2009
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/522,611
				Filing Date	December 15, 2005
				First Named Inventor	Timo Flessner
				Art Unit	1625
				Examiner Name	N. S. Chandrakumar
Sheet	4	of	4	Attorney Docket Number	LeA 36225 [81895(303989)]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CU	J.R. Beck "Synthesis of Methyl 3-Hydroxybenzo[b]thiophene-2-carboxylate esters by nitro displacement" J. Org. Chem. Vol. 38, No. 23 (1973) 4086-4087	
	CV	T.K. Shkinyova et al. "Regioselectivity of nucleophilic substitution of the nitro group in 2,4,6-trinitrobenzamide" Tetrahedron Letters 41 (2000) 4973-4975	
	CW	N. Choy et al. "An efficient one pot synthesis of n,n'-disubstituted unsymmetrical ureas and carbamates" Org. Prep. Proced. Int. Vol. 28, No. 2 (1996) 173-177	
	CX	A.R.L. Davies, et al., "Characterisation of the binding of [3H]methyllycaconitine: a new radioligand for labelling α 7-type neuronal nicotinic acetylcholine receptors" Neuropharmacology 38 (1999) 679-690	
	CY	A. Blokland, et al., "State-dependent impairment in object recognition after hippocampal NOS inhibition", NeuroReport vol. 8, No. 18 (Dec. 1998) 4205-4208	
	CZ	A. Ennaceur et al., "A new one-trial test for neurobiological studies of memory in rats. 1: Behavioral data," Behavioural Brain Research, 31 (1988) 47-59	
	CA1	A. Ennaceur et al., "Effects of physostigmine and scopolamine on rats' performances in object-recognition and radial-maze tests" Psychopharmacology 109 (1992) 321-330	
	CB1	J. Prickaerts et al., "Possible role of nitric oxide-cyclic GMP pathway in object recognition memory: Effects of 7-nitroindazole and zaprinast", European Journal of Pharmacology 337 (1997) 125-136	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	12/11/2009
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.